

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

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PATENT NO. : 7,647,783  
APPLICATION NO.: 10/776,856  
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INVENTOR(S) : Nagaraj Jayanth, Hung Pham

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 5, Line 29	After "106" delete ".".
Column 7, Line 23	"shorted" should be -- shortened --.
Column 8, Line 42	"shorted" should be -- shortened --.
Column 10, Line 38	"analyses" should be -- analyzes --.
Column 12, Line 49	"Cooling mod" should be -- Cooling mode --.
Column 12, Line 49	"Heating mod" should be -- Heating mode --.
Column 13, Line 9	Delete "in".
Column 13, Line 21	"compressure" should be -- compressor --.

**MAILING ADDRESS OF SENDER (Please do not use customer number below):**

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